

**BOARD OF COUNTY COMMISSIONERS**

**AGENDA ITEM SUMMARY**

Meeting Date: August 18, 2004

Department: Airports

Bulk Item: Yes X No     

Airport: Florida Keys Marathon Airport

**AGENDA ITEM WORDING:** Approval of Award of Bid to Florida Industrial Electric, Inc. for the Taxiway Lights and Airfield Guidance Sign Project at the Florida Keys Marathon Airport, in the total amount of \$244,902.90

**ITEM BACKGROUND:** Bids for the Taxiway Lights and Airfield Guidance Sign Project at the Florida Keys Marathon Airport were opened on July 7, 2004. Two bids were received; Florida Industrial Electric, Inc. was the lowest qualified bidder. The project provides for the installation of taxiway lighting for access to shade hangars and the Mosquito Control apron and installation of a new guidance sign system. This project will be funded 95% by the Federal Aviation Administration, 2.5% by Florida Department of Transportation and 2.5% by Passenger Facility Charge Revenue.

**PREVIOUS RELEVANT BOCC ACTION:** On October 5, 2003, Board granted approval to submit Passenger Facility Charge Application #8. On April 2004, Board approved Purchase Service Order with URS to provide Construction Phase Service including Resident Project Representative for the installation of Taxiway Lights and Guidance Signs for the Florida Keys Marathon Airport. On May 19, 2004, Board approved Joint Participation Agreement No. ANJ96 with FDOT providing funds to install Taxiway Lights and Airfield Signs at the Marathon Airport.

**CONTRACT/AGREEMENT CHANGES:** This is not an agreement.

**STAFF RECOMMENDATIONS:** Approval

**TOTAL COST:** \$244,902.90

**BUDGETED:** Yes X No     

**COST TO FAA:** \$232,657.76

**COST TO FDOT:** \$6,122.57

**COST TO PFC:** \$6,122.57

**SOURCE OF FUNDS:** FAA, FDOT, PFC Revenue

**REVENUE PRODUCING:** Yes      No X **AMOUNT PER MONTH**      **Year**     

**APPROVED BY:** County Atty N/A OMB/Purchasing N/A Risk Management N/A

**MARATHON AIRPORT MANAGER APPROVAL:**

James R. "Reggie" Paros 7/26/2004

**DIRECTOR OF AIRPORTS APPROVAL:**

Peter J. Horton

**DOCUMENTATION:** Included X To Follow      Not Required     

**DISPOSITION:**     

**AGENDA ITEM #** C20



July 20, 2004

Mr. James R. "Reggie" Paros  
Airport Manager  
Florida Keys Marathon Airport  
9400 Overseas Highway  
Marathon, FL 33050

Reference: Taxiway Lights (2 T/W) and Airfield Guidance Sign  
Florida Keys Marathon Airport  
Recommendation to award  
AIP No. 3-12-0044-2004

Dear Mr. Paros,

The bids provided to URS Corporation on July 9, 2004 for the reference project have been reviewed and tabulated. (See attachment).

Based on the bid proposals, the responsive low bidder is Florida Industrial Electric, Inc in the amount of \$ 244,902.90. Subject to the County's concurrence in the bid documents requirements, it is recommended that Florida Industrial Electric, Inc. be awarded the contract for the reference project.

A draft of the award letter to the contractor is also included.

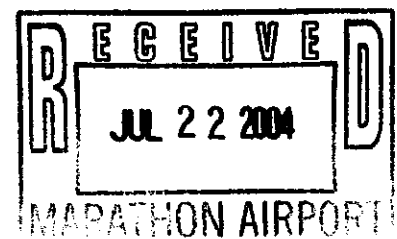
Sincerely,

URS Corporation

  
(for) Andres Gutierrez, P.E.  
Project Manager

Xc: Bevette Moore, Airport Business Administrator  
Mil Reisert, P.E. URS Corporation  
Project File  
F:\marathon\T-L-LIGHTING\recomtoaward.doc

URS Corporation  
7650 Corporate Center Drive, Suite 400  
Miami, FL 33126-1220  
Tel: 305.262.7466  
Fax: 305.261.4017



**BIDDER TABULATION**  
**FLORIDA KEYS MARATHON AIRPORT**  
**PFC APP NO.: 8 AIP NO.: 3-12-0044-2004**  
**FM ITEM NO. 41468419401**  
**TAXIWAY LIGHTS (2 T/W) AND AIRFIELD GUIDANCE SIGN**

ITEM	SPEC #	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	URS ESTIMATE		H.L. PRUITT CORPORATION		FLORIDA INDUSTRIAL ELECTRIC, INC	
					UNIT PRICE IN NUMBERS	EXTENDED TOTAL	UNIT PRICE IN NUMBERS	EXTENDED TOTAL	UNIT PRICE IN NUMBERS	EXTENDED TOTAL
1	P-101-3.1	Mobilization	LS	1	\$10,000.00	\$10,000.00	\$30,500.00	\$30,500.00	\$1,700.00	\$1,700.00
2	P-620-5.1	Final marking (yellow with reflective beads at 100% application rate)	SF	84	\$3.00	\$252.00	\$3.00	\$252.00	\$24.35	\$2,045.40
3	P-620-5.2	Outline black paint (no reflective beads)	SF	160	\$1.30	\$208.00	\$3.00	\$480.00	\$24.35	\$3,896.00
4	L-100-A	Remove existing guidance sign unit complete with foundation. This shall include concrete foundation, restore grading, salvage material disposed of as directed by the Engineer.	EA	3	\$250.00	\$750.00	\$350.00	\$1,050.00	\$340.00	\$1,020.00
5	L-100-B	Relocate existing guidance sign unit complete. This shall include existing pad removal, salvage materials, restore grading, new foundation, L-867 base, brick, secondary extension lead cable, connectors, and all incidentals.	EA	1	\$1,000.00	\$1,000.00	\$1,350.00	\$1,350.00	\$2,925.00	\$2,925.00
6	L-100-C	Existing guidance sign unit to be relocated and modified, complete with foundation. This shall include concrete foundation, new panel, circuit cable back to light fixture, close circuit loop, waterproof all underground connections, restore grading, salvage material disposed of as directed by the Engineer.	EA	2	\$2,000.00	\$4,000.00	\$2,900.00	\$5,800.00	\$4,000.00	\$8,000.00
7	L-100-D	Existing internally lighted guidance sign, one module, to be modified	EA	1	\$400.00	\$400.00	\$450.00	\$450.00	\$575.00	\$575.00
8	L-100-E	Existing internally lighted guidance sign, three modules, to be modified	EA	2	\$1,400.00	\$2,800.00	\$1,670.00	\$3,340.00	\$1,700.00	\$3,400.00
9	L-100-F	Guidance sign, one module, single face, size 2, complete with foundation. This shall include new foundation, L-867 base, brick, secondary extension lead cable, frangible couplings, lamps, L-823 connectors, anchor bolts, setting of anchor bolts, conduit, tether, grounding identification tag and all incidentals.	EA	7	\$2,000.00	\$14,000.00	\$2,700.00	\$18,900.00	\$2,235.00	\$15,645.00
10	L-100-G	Guidance sign, two module, single face, size 2, complete with foundation. This shall include new foundation, L-867 base, brick, secondary extension lead cable, frangible couplings, lamps, L-823 connectors, anchor bolts, setting of anchor bolts, conduit, tether, grounding identification tag and all incidentals.	EA	15	\$3,000.00	\$45,000.00	\$3,530.00	\$52,950.00	\$3,435.00	\$51,525.00

**BIDDER TABULATION**  
**FLORIDA KEYS MARATHON AIRPORT**  
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**FM ITEM NO. 41468419401**  
**TAXIWAY LIGHTS (2 T/W) AND AIRFIELD GUIDANCE SIGN**

ITEM	SPEC #	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	URS ESTIMATE		H.L. PRUITT CORPORATION		FLORIDA INDUSTRIAL ELECTRIC, INC	
					UNIT PRICE IN NUMBERS	EXTENDED TOTAL	UNIT PRICE IN NUMBERS	EXTENDED TOTAL	UNIT PRICE IN NUMBERS	EXTENDED TOTAL
11	L-100-H	Guidance sign, three modules, single face, size 2, complete with foundation. This shall include new foundation, L-867 base, brick, secondary extension lead cable, frangible couplings, lamps, L-823 connectors, anchor bolts, setting of anchor bolts, conduit, tether, grounding identification tag and all incidentals.	EA	2	\$4,000.00	\$8,000.00	\$4,600.00	\$9,200.00	\$4,565.00	\$9,130.00
12	L-100-I	Guidance sign, three modules, double face, size 2, complete with foundation. This shall include new foundation, L-867 base, brick, secondary extension lead cable, frangible couplings, lamps, L-823 connectors, anchor bolts, setting of anchor bolts, conduit, tether, grounding identification tag and all incidentals.	EA	1	\$4,300.00	\$4,300.00	\$4,900.00	\$4,900.00	\$4,765.00	\$4,765.00
13	L-100-J	Retroreflective guidance sign. This shall include new foundation, frangible coupling, setting of anchor bolts, tag, and all incidentals, complete in place	EA	7	\$1,000.00	\$7,000.00	\$2,330.00	\$16,310.00	\$1,100.00	\$7,700.00
14	L-100-K	Existing retroreflective guidance sign panel to be replaced	EA	10	\$400.00	\$4,000.00	\$1,350.00	\$13,500.00	\$560.00	\$5,600.00
15	L-108-5.1	Cable trench	LF	6,150	\$4.00	\$24,600.00	\$4.75	\$29,212.50	\$3.45	\$21,217.50
16	L-108-5.2	Furnish and install cable (1/c, #8 5Kv, L-824, type C), in trench, duct or conduit, complete in place	LF	12,000	\$1.50	\$18,000.00	\$0.70	\$8,400.00	\$0.55	\$6,600.00
17	L-108-5.3	Furnish and install counterpoise wire (#5, BSD copper stranded) 600 volt with ground rods, complete in place.	LF	6,150	\$1.20	\$7,380.00	\$0.55	\$3,382.50	\$0.65	\$3,997.50
18	L-110-5.1	1W2 Duct (2" PVC, schedule 40, type I).	LF	5,600	\$4.00	\$22,400.00	\$1.30	\$7,280.00	\$3.75	\$21,000.00
19	L-110-5.2	2W2 Concrete encased duct (2" PVC, schedule 40, type I).	LF	550	\$20.00	\$11,000.00	\$7.00	\$3,850.00	\$16.75	\$9,212.50
20	L-110-5.3	Furnish and install cable junction box (size D, L-867, class I, load bearing).	EA	9	\$450.00	\$4,050.00	\$460.00	\$4,140.00	\$550.00	\$4,950.00
21	L-125-5.1	Furnish and install L-861 taxiway edge light (Base mounted), complete in place	EA	59	\$1,000.00	\$59,000.00	\$840.00	\$49,560.00	\$675.00	\$39,825.00
22	T-904-5.1	Sodding	SY	2,240	\$4.00	\$8,960.00	\$1.00	\$2,240.00	\$3.10	\$6,944.00
23	L-109-5.1	Furnish and install 15 kw, 0.6 amp, 3 step, L-828 ferroresonant regulator with 208 v input, 120 v control, including all associated work, complete in place	LS	1	\$12,000.00	\$12,000.00	\$18,650.00	\$18,650.00	\$13,230.00	\$13,230.00
<b>TOTALS</b>						<b>\$269,100.00</b>		<b>\$285,697.00</b>		<b>\$244,902.90</b>

**ADMINISTRATIVE SERVICES DEPARTMENT  
PURCHASING OFFICE  
TABULATION SHEET**

OPEN DATE: JULY 7, 2004 AT 11:00 AM

TITLE : TAXIWAY LIGHTS (2 T/W) AND AIRFIELD GUIDANCE SIGN FLORIDA KEYS

MARATHON AIRPORT MONROE COUNTY, FLORIDA

BID-182-184-APM-0-2004/PUR

RESPONDENT	BID BOND	TOTAL PRICE
H.L. PRUITT CORP.	YES 5%	\$285,697.00
FLORIDA INDUSTRIAL ELECTRIC	YES 5%	<del>\$271,502.90</del>

244,902.90 \*

Bid Committee Present: Lisa Ernst Cherry and Carlos Victores - Purchasing Office

Members of the Public Present: None

I hereby certify that this is a true and correct copy of said bid opening and that all bidders listed above have been checked against the State of Florida Convicted & Suspended Vendor listings. All bids listed above were received by the date and time specified.

Bid Opened By: Lisa Ernst Cherry, Purchasing Supervisor



BID HAS BEEN CORRECTED TO \$244,902.90. PURCHASING OFFICE IN KEY WEST ERRONEOUSLY ADDED TO THE BASE BID ALL OF THE ALTERNATIVES.